AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently Amended): An outer rotor type motor/generator housed in an annular space defined between an engine side wall and a crank pulley fixed to one end of a crankshaft of an engine, said motor / generator comprising:

a stator supported on the engine side wall; and

a rotor supported on an inner face of a peripheral wall of the crank pulley so as to face an outer periphery of the stator across an air gap,

wherein an air inlet passage is formed between the engine side wall and an opposing edge of the peripheral wall of the crank pulley so as to provide communication between the annular space and the outside of the crank pulley,

wherein cooling fan blades are provided on a side wall of the crank pulley facing away from said engine, said side wall of the crank pulley extending radially outwards from said one end of the crankshaft to the peripheral wall of the crank pulley, [[and]]

wherein air is introduced into the annular space via the air inlet passage to cool coils of the stator and the air is discharged to the outside from said cooling fan blades provided on said side wall facing away from said engine side wall by means of the cooling fan blades,

wherein the stator comprises a plurality of cores and coils, the cores being positioned radially and each of the cores having a coil wound around it, the radial outer ends of each of the cores projecting in the circumferential direction so as to be close to each other and forming air passages between adjacent coils, air circulating through the air passages, and

wherein a shield for covering the entrance to the air gap is formed on an end face of the stator facing the air inlet passage.

Claims 2 and 3 (Canceled)

Claim 4 (Currently Amended): An outer rotor type motor/generator according ~~to either~~ Claim 1 ~~or Claim 2~~,

wherein a plurality of projections inclined towards the circumferential direction are formed on the outer periphery of the stator facing the entrance and the exit of the air gap so that the air flows generated by these projections prevent air from entering the air gap.

Claim 5 (Currently Amended): An outer rotor type motor/generator according to ~~either~~ Claim 1 ~~or Claim 2~~,

wherein a plurality of channels inclined towards the circumferential direction are formed on the outer periphery of the stator facing the entrance and the exit of the air gap so that the air flows generated by these ~~projections~~ channels prevent air from entering the air gap.

Claim 6 (Newly Added): An outer rotor type motor/generator housed in an annular space defined between an engine side wall and a crank pulley fixed to one end of a crankshaft of an engine, said motor / generator comprising:

a stator supported on the engine side wall; and

a rotor supported on an inner face of a peripheral wall of the crank pulley so as to face from a radially outer side an outer periphery of the stator across an axially extending air gap,

wherein a radially extending air inlet passage is formed between the engine side wall and an opposing edge of the peripheral wall of the crank pulley so as to provide communication between the annular space and the outside of the crank pulley,

wherein cooling fan blades are provided on a side wall of the crank pulley facing away from said engine, said side wall of the crank pulley extending radially outwards from said one end of the crankshaft to the peripheral wall of the crank pulley and axially facing said stator,

wherein air is introduced into the annular space via the air inlet passage to cool coils of the stator and the air is discharged to the outside from said cooling fan blades provided on said side wall facing away from said engine side wall by means of the cooling fan blades, and

wherein an air flow regulating means is provided at least at one axial end of the outer periphery of the stator for suppressing entry of air, that has been guided through the air inlet passage, into said air gap.